

Notice of Allowability

Application No.

10/063,055

Examiner

Cheukfan Lee

Applicant(s)

HUANG ET AL.

Art Unit

2622

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to an application for patent filed March 15, 2002.
2. ☒ The allowed claim(s) is/are 1-9.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

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1. All pending claims 1-9 are allowed.

2. The following is an examiner's statement of reasons for allowance:

Claim 1 and its dependent claims 2-9 are allowable over the prior art of record. The closest prior art Tsai et al. (U.S. Patent No. 6,450,475), to be discussed below in more detail, discloses a platform adjustment device for a scanner, but Tsai et al. does not disclose the claimed document surface micro-adjust mechanism as claimed.

Claim 1 requires that the carrier chassis encloses the transparent document platform and has a through-hole, and that an elastic element disposed between the carrier chassis and a latching structure, which is attached to the casing of the scanner and has a locking hole that corresponds in position to the through-hole in the carrier chassis located in the upper section of the casing of the scanner.

The closest prior art Tsai et al. also discloses a through-hole in the upper case (20 in Figs. 2, 3A and 3B) and a stud (12) having a locking hole that corresponds in position to the through-hole of the upper case (20). However, Tsai et al. does not disclose an elastic element disposed between the upper casing and the support (13), and the upper case (20) does not enclose the transparent platform (30 in Figs. 2, 3A and 3B).

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

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accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Tsai et al. (U.S. Patent No. 6,450,475) discloses a platform adjustment device for a scanner.

Tsai et al. (U.S. Patent No. 6,169,622) discloses an optical scanner with a distance-adjusting device (Figs. 2 and 3).

Tsai et al. (U.S. Patent No. 6,075,242) discloses an optical scanning module with adjustable optical path.

Tsai (U.S. Patent No. 6,376,835) discloses a scanner module with adjustable magnification ratio.

Wen-Shyong (U.S. Patent No. 5,838,540) discloses a scanner casing (Figs. 2 and 3).

Mitomi (U.S. Patent No. 6,640,082) discloses an image reading apparatus having an adjusting device for adjusting inclination of the original reading unit.

Kang (U.S. Patent No. 6,055,070) discloses a flat bed scanner apparatus employing a scanning module (32) having a specific housing structure.

Ohtomo et al. (U.S. Patent No. 6,012,697) discloses a stage and supporting mechanism for supporting movable mirror on stage (Figs. 4 and 5).


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4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cheukfan Lee whose telephone number is (571) 272-7407. The examiner can normally be reached on 9:30 a.m. to 6:00 p.m., Mon-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward L. Coles can be reached on (571) 272-7402. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Cheukfan Lee
September 28, 2005


Cheukfan Lee